



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

STEPHEN J. MILLER ET AL.

Serial No.: 10/643,555

Filed: August 18, 2003

For: MIXED MATRIX MEMBRANE
WITH SUPER WATER WASHED
SILICA CONTAINING
MOLECULAR SIEVES AND
METHODS FOR MAKING AND
USING THE SAME

GROUP ART UNIT:

EXAMINER:

P.O. Box 6006
San Ramon, CA 94583-0806

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted pursuant to 37 CFR §§ 1.56, 1.98 and 1.97, particularly 1.97(c). The documents listed on the attached Forms PTO/SB/08A and PTO/SB/08B are brought to the Examiner's attention. Copies of these documents are enclosed.

I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents,
P. O. Box 1450, Alexandria, VA 22313-1450, on February 26, 2004

Date of Deposit

Nancy Cantero

Signature

February 26, 2004

Date

Information Disclosure Statement
USSN 10/643,555
Page 2

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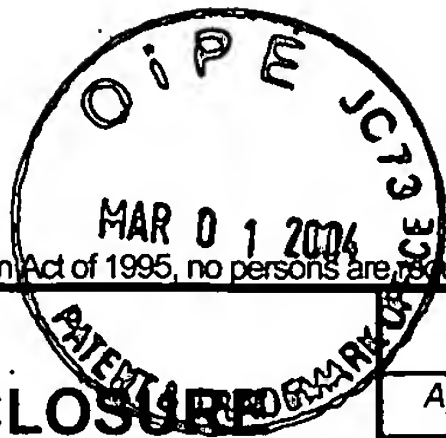
Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Richard J. Schulte", is written over a horizontal line.

Richard J. Schulte
Attorney for Applicants
Reg. No. 35,350
(925) 842-1476

RJSchulte:ncc
Enclosures

February 26, 2004



Substitute for form 1449A/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/643,555
Filing Date	August 18, 2003
First Named Inventor	STEPHEN J. MILLER
Art Unit	
Examiner Name	
Attorney Docket Number	T-6282

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	US- 3,567,632	03-02-1971	Richter et al.	
	AB	US- 4,230,463	10-28-1980	Henis et al.	
	AC	US- 4,544,538	10-01-1985	Zones	
	AD	US- 4,728,345	03-01-1988	Murphy	
	AE	US- 4,925,459	05-15-1990	Rojey et al.	
	AF	US- 5,085,676	02-04-1992	Ekiner et al.	
	AG	US- 5,104,532	04-14-1992	Thompson et al.	
	AH	US- 5,127,925	07-07-1992	Kulprathipanjan et al.	
	AI	US- 5,234,471	08-10-1993	Weinberg	
	AJ	US- 5,288,304	02-22-1994	Koros et al.	
	AK	US- 6,508,860 B1	01-21-2003	Kulkarni et al.	
	AL	US- 2003/0069449 A1	04-10-2003	Zones et al.	
		US -			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
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	BC					
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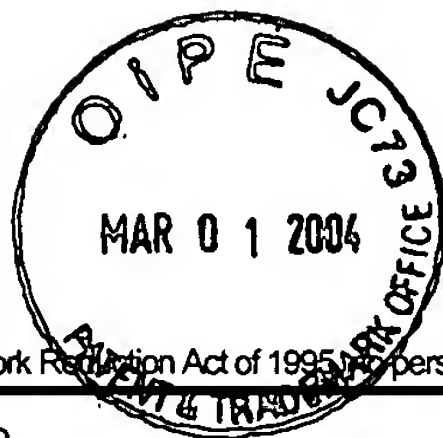
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PTO/SB/08b(08-03)

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Sheet 2 of 2

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Application Number	10/643,555
Filing Date	August 18, 2003
First Named Inventor	STEPHEN J. MILLER
Art Unit	
Examiner Name	
Attorney Docket Number	T-6282

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	O'BRIEN, K.C., KOROS, W.J., and BARBARI, T.A., A New Technique for the Measurement of Multicomponent Gas Transport Through Polymeric Films, <i>J. Membrane Sci.</i> , 29, 229-238 (1986).	
	CB	COSTELLO, L.M. and KOROS, W.J., Temperature Dependence of Gas Sorption and Transport Properties in Polymers: Measurement and Applications, <i>Ind. Eng. Chem. Res.</i> , 31, 2708-2714 (1992).	
	CC		
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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